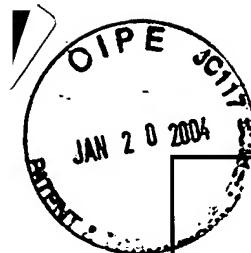


1646



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number 10/044,539 Filing Date January 11, 2002 First Named Inventor Cech, Thomas Art Unit 1646 Examiner Name Not yet known
Total Number of Pages in This Submission	Attorney Docket Number	015389-002630US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Appointment of Associate Attorney under 37 CFR § 1.23(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Return Postcard, copies of eighteen (18) cited references
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Scott L Ausenhus	
Signature		
Date	January 16, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

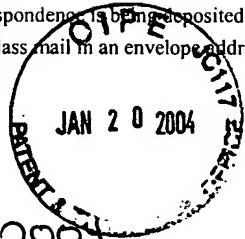
Typed or printed name	Nicole M. Wartell		
Signature		Date	January 16, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On Jan 16, 2004

PATENT
Attorney Docket No.: 015389-002630US
Client Reference No.: 018/212C



TOWNSEND and TOWNSEND and CREW LLP

By: Nicole M. Wartell

Nicole M. Wartell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech et al.

Application No.: 10/044,539

Filed: January 11, 2002

For: HUMAN TELOMERASE
CATALYTIC SUBUNIT: DIAGNOSTIC
AND THERAPEUTIC METHODS

Examiner: not yet known

Art Unit: 1646

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants also wish to make the Examiner aware of the following co-pending patent applications:

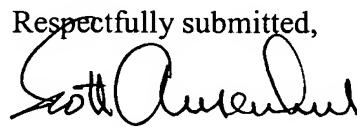
1. U.S. Patent App. No. 09/432,503, filed 11-02-1999, Applicant Cech et al., Attorney Docket No. 015389-0002611US;

2. U.S. Patent App. No. 09/721,477, filed 11-22-2000, Applicant Cech et al., Attorney Docket No. 015389-002914US;
3. U.S. Patent App. No. 09/721,506, filed 11-22-2000, Applicant Cech et al., Attorney Docket No. 015389-002916US; and
4. U.S. Patent App. No. 09/974,584, filed 11-19-1997, Applicant Cech et al., Attorney Docket No. 015389-002950US.

To comply with 37 CFR §1.98(a)(2)(iii), the specifications, drawings and currently pending claims for U.S. Application No. 09/432,503 (Attorney Docket No. 015389-002611US) and U.S. Application No. 09/974,584 (Attorney Docket No. 015389-002950) are enclosed. The currently pending claims from U.S. Application Nos. 09/721,477 (Attorney Docket No. 015389-002614US) and 09/721,506 (Attorney Docket No. 015389-002616US) are also enclosed; copies of the specification and drawings for these latter two applications are not enclosed because these applications are the same as US Application No. 09/432,503.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Scott L. Ausenhus
Reg. No. 42,271

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 303-571-4000
Fax: 303-571-4321
SLA:nmb
60112759 v1

JAN 20 2004

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/044,539
		Filing Date	January 11, 2002
		First Named Inventor	Cech, Thomas
		Art Unit	1646
Examiner Name	not yet known		
Sheet	1	of	2
		Attorney Docket Number	015389-002630US

U.S. PATENT DOCUMENTS+				
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-6,440,735 B1	08-27-2002	Gaeta
	A2	US-6,444,650 B1	09-03-2003	Cech et al.
	A3	US-6,517,834 B1	02-11-2003	Weinrich et al.
	A4	US-6,608,188 B1	08-19-2003	Tsuchiya et al.
	A5	US-6,627,619 B2	09-30-2003	Cech et al.
	A6	US 2002-0164786 A1	11-07-2002	Cech et al.
	A7	US 2002-0187471 A1	12-12-2002	Cech et al.
	A8	US 2003-0009019 A1	01-09-2003	Cech et al.
	A9	US 2003-0032075 A1	02-13-2003	Cech et al.
	A10	US 2003-0044953 A1	03-06-2003	Cech et al.
	A11	US 2003-0059787 A1	03-27-2003	Cech et al.
	A12	US 2003-0096344 A1	05-22-2003	Cech et al.
	A13	U.S. Application No. 09/432,503		Cech et al.
	A14	U.S. Application No. 09/721,477		Cech et al.
	A15	U.S. Application No. 09/721,506		Cech et al.
	A16	U.S. Application No. 90/974,584		Cech et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴		
	B1	CA	2271718	A1	05-22-1998
	B2				

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

60112759 v1

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

2

of

2**Complete if Known**

<i>Application Number</i>	10/044,539
<i>Filing Date</i>	January 11, 2002
<i>First Named Inventor</i>	Cech, Thomas
<i>Art Unit</i>	1646
<i>Examiner Name</i>	not yet known
<i>Attorney Docket Number</i>	015389-002630US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	ADAMS, MARK et al. "Initial Assessment of Human Gene Diversity and Expression Patterns Based Upon 83 Million Nucleotides of cDNA Sequence" <i>The Genome Directory: Supplement to Nature</i> 28 September 1995, 1995, pp. 3-174, Vol. 377, Issue 6547S.	
	C2		

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.